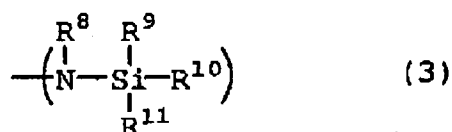


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Complete set of Claims

[1] (currently amended) A coating composition comprising: a polyalkylsilazane compound; an acetoxysilane compound; and an organic solvent; where said polyalkylsilazane compound contains one or both groups represented by formulae (2) and (3)



wherein R⁵ to R¹¹ each independently represent a hydrogen atom or an alkyl group having 1 to 3 carbon atoms, provided that both R⁵ and R⁶ do not simultaneously represent hydrogen and all of R⁹ to R¹¹ do not simultaneously represent hydrogen, and further where the acetoxysilane compound is selected from tetraacetoxysilane, methyltriacetoxysilane, ethyltriacetoxysilane, ethoxytriacetoxysilane, isopropoxytriacetoxysilane, n-butoxytriacetoxysilane, dimethyldiacetoxysilane, diethyldiacetoxysilane, diisopropyldiacetoxysilane, di-n-butyldiacetoxysilane, dimethoxydiacetoxysilane, diethoxyacetoxysilane, diisopropoxydiacetoxysilane, and di-n-butoxydiacetoxysilane, and further where the composition comprises a pore forming agent, and where the pore agent is a siloxy-containing polyethylene oxide compound.

[2] (canceled)

[3] (canceled)

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[4] (canceled)

[5] (withdrawn and currently amended) A siliceous material produced by coating a coating composition according to claim 1 onto a substrate or by filling a coating composition according to ~~any one of claims 1 to 4~~ into a frame or a groove, and firing the coating composition.

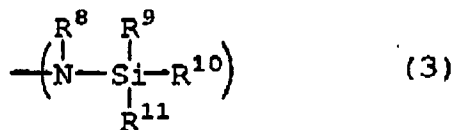
[6] (withdrawn) A semiconductor device comprising a siliceous material according to claim 5 as an intermetal dielectric.

[7] (withdrawn) A process for producing a siliceous material, comprising heating a coating composition according to claim 1 at a temperature of 350°C or below for 1 to 60 min.

[8] (cancel).

[9] (cancel).

[10] (currently amended) The coating composition according to claim 4 A coating composition comprising: a polyalkylsilazane compound; an acetoxysilane compound; and an organic solvent; where said polyalkylsilazane compound contains one or both groups represented by formulae (2) and (3)



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wherein R^5 to R^{11} each independently represent a hydrogen atom or an alkyl group having 1 to 3 carbon atoms, provided that both R^5 and R^6 do not simultaneously represent hydrogen and all of R^9 to R^{11} do not simultaneously represent hydrogen, and further where the acetoxysilane compound is selected from tetraacetoxysilane, methyltriacetoxysilane, ethyltriacetoxysilane, ethoxytriacetoxysilane, isopropoxytriacetoxysilane, n-butoxytriacetoxysilane, dimethyldiacetoxysilane, diethyldiacetoxysilane, diisopropyldiacetoxysilane, di-n-butyldiacetoxysilane, dimethoxydiacetoxysilane, diethoxydiacetoxysilane, diisopropoxydiacetoxysilane, and di-n-butoxydiacetoxysilane, and further where the acetoxysilane compound is in the range 5% to 40% by weight based on the weight of the polyalkylsilazane compound.